

Editorial

Even though reciprocal tariff levied by US government likely to put dent on Indian Agricultural Exports, still the tariffs are lower than our International competitors like Vietnam, China, Indonesia, Myanmar etc. As rural areas experience demographic shifts and younger generations increasingly disconnect from agriculture, more challenges emerge in attracting and retaining skilled agricultural workers to maintain the future viability of farming. Key farmer-centric programs like PM-KISAN, the Digital Agriculture Mission, and the National Mission on Edible Oils – Oilseeds (NMEO-Oilseeds) are making progress in empowering farmers and boosting agricultural productivity, with initiatives like drone services for women SHGs and credit guarantee schemes for post-harvest financing. Experts opine that India must transition from tariff-based protectionism to productivity-driven competitiveness. The key policy recommendations to phase tariff reduction on select outlier commodities, increased investment in agricultural research and development (R&D) to enhance yields and competitiveness, and strengthening agricultural value chains to boost exports. We need to develop contextual capacities and move from agriculture 1.0 (subsistence farming); agriculture 2.0 (intensive agriculture); agriculture 3.0 (precision agriculture); agriculture 4.0 (smart farming systems) to agriculture 5.0 (future farming systems-AI, IoT, BCT, Robotics etc.,). By adopting these strategies, India can navigate the evolving global trade environment while ensuring the resilience and growth of its agricultural sector.

The current issue (April- June, 2025) contains one research tool, five research notes, and seventeen full-length research papers. The diversity of full length papers focused on; Environmental management system adoption in Algerian agri-food companies, attainment of student engagement in learning, forecasting milk production, breaking the barriers of farm income through supplementary enterprises, Empowering Rural Women Entrepreneurs from Bihar, Relevancy of agri-clinic and agri-business center training curriculum for agripreneurs, Impact of soil health card on urea fertilizer usage and crop yield, Food, economic, and livelihood security of farmers under PMFBY, Value chain development of IARI carrot variety, Evaluating livelihood status improvement through attracting and retaining youth in agriculture (ARYA), Understanding entrepreneurial behaviour of Makhana growers, Effect of digital devices and parental regulations on adolescents' achievement motivation, Investigating researchers' skills and competency gaps of agriculture student, Growth Dynamics and Sustainability of Major Crops, Knowledge, Attitudes, and practices in sustainable nutrition in late adulthood ,and Perceptual analysis of diverse perspectives and desired proficiencies in 21st century skills . One research tool to measure farmers' training needs in drone-based technologies has been included. The research notes majorly focused on; Adoption practices of SRI in tribal region , Constraints in adopting improved cauliflower cultivation practices , Economic impact of extension interventions on composite carp culture, Adoption Impediments in SHC based fertilizer application by farmers and Understanding challenges of agripreneurs through case study. The cite score tracker of SCOPUS shows that with steady start of 0.4 (on 05 May, 2024 of 2023) we are at 1.1 on 05 March, 2025. (<https://www.scopus.com/sourceid/21100846015>)

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